

VALIUM® (diazepam/Roche)

Before prescribing, please consult complete product information, a summary of which follows:

Indications: Management of anxiety disorders, or short-term relief of symptoms of anxiety. Anxiety or tension associated with the stress of everyday life usually does not require treatment with an anxiolytic. Symptomatic relief of acute agitation, tremor, delirium tremens and hallucinosis due to acute alcohol withdrawal; adjunctively in skeletal muscle spasm due to reflex spasm to local pathology; spasticity caused by upper motor neuron disorders; athetosis; stiff-man syndrome; convulsive disorders (not as sole therapy).

The effectiveness of Valium in long-term use, that is, more than 4 months, has not been assessed by systematic clinical studies. The physician should periodically reassess the usefulness of the drug for the individual patient.

Contraindicated: Known hypersensitivity to the drug. Children under 6 months of age. Acute narrow angle glaucoma; may be used in patients with open angle glaucoma who are receiving appropriate therapy.

Warnings: Not of value in psychotic patients. Caution against hazardous occupations requiring complete mental alertness. When used adjunctively in convulsive disorders, possibility of increase in frequency and/or severity of grand mal seizures may require increased dosage of standard anticonvulsant medication; abrupt withdrawal may be associated with temporary increase in frequency and/or severity of seizures. Advise against simultaneous ingestion of alcohol and other CNS depressants. Withdrawal symptoms similar to those with barbiturates and alcohol have been observed with abrupt discontinuation, usually limited to extended use and excessive doses. Infrequently, milder withdrawal symptoms have been reported following abrupt discontinuation of benzodiazepines after continuous use, generally at higher therapeutic levels, for at least several months. After extended therapy, gradually taper dosage. Keep addiction-prone individuals under careful surveillance because of their predisposition to habituation and dependence.

Usage in Pregnancy: Use of minor tranquilizers during first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Precautions: If combined with other psychotropics or anticonvulsants, consider carefully pharmacology of agents employed; drugs such as phenothiazines, narcotics, barbiturates, MAO inhibitors and other antidepressants may potentiate its action. Usual precautions indicated in patients severely depressed, or with latent depression, or with suicidal tendencies. Observe usual precautions in impaired renal or hepatic function. Limit dosage to smallest effective amount in elderly and debilitated to preclude ataxia or oversedation.

The clearance of Valium and certain other benzodiazepines can be delayed in association with Tagamet (cimetidine) administration. The clinical significance of this is unclear.

Side Effects: Drowsiness, confusion, diplopia, hypotension, changes in libido, nausea, fatigue, depression, dysarthria, jaundice, skin rash, ataxia, constipation, headache, incontinence, changes in salivation, slurred speech, tremor, vertigo, urinary retention, blurred vision. Paradoxical reactions such as acute hyperexcited states, anxiety, hallucinations, increased muscle spasticity, insomnia, rage, sleep disturbances, stimulation have been reported; should these occur, discontinue drug. Isolated reports of neutropenia, jaundice; periodic blood counts and liver function tests advisable during long-term therapy.

Dosage: Individualize for maximum beneficial effect. **Adults:** Anxiety disorders, symptoms of anxiety, 2 to 10 mg b.i.d. to q.i.d.; alcoholism, 10 mg t.i.d. or q.i.d. in first 24 hours, then 5 mg t.i.d. or q.i.d. as needed; adjunctively in skeletal muscle spasm, 2 to 10 mg t.i.d. or q.i.d.; adjunctively in convulsive disorders, 2 to 10 mg b.i.d. to q.i.d. **Geriatric or debilitated patients:** 2 to 2½ mg, 1 or 2 times daily initially, increasing as needed and tolerated. (See Precautions.) **Children:** 1 to 2½ mg t.i.d. or q.i.d. initially, increasing as needed and tolerated (not for use under 6 months).

How Supplied: For oral administration, Valium scored tablets—2 mg, white; 5 mg, yellow; 10 mg, blue—bottles of 100* and 500; Prescription Paks of 50, available in trays of 10.* Tel-E-Dose® packages of 100, available in trays of 4 reverse-numbered boxes of 25† and in boxes containing 10 strips of 10.†

*Supplied by Roche Products Inc., Manati, Puerto Rico 00701

†Supplied by Roche Laboratories, Division of Hoffmann-La Roche Inc., Nutley, New Jersey 07110

References: 1. Tallman JF *et al*: *Science* 207:274-281, Jan 18, 1980. 2. Bunney WE Jr: *Psychiatr Ann* 11:11-15, Jan 1981. 3. Davis JM *et al*: *J Clin Psychiatry* 42(11) Sec 2:4-14, Nov 1981. 4. Study RE, Barker JL: *JAMA* 247: 2147-2151, Apr 16, 1982. 5. Braestrup C, Nielsen M, Olsen CE: *Proc Natl Acad Sci USA* 77:2288-2292, Apr 1980. 6. Bosmann HB, Case KR, DiStefano P: *FEBS Lett* 82:368-372, Oct 1977. 7. Braestrup C, Albrechtsen R, Squires RF: *Nature* 269:702-704, Oct 20, 1977. 8. Snyder SH: *Psychosomatics* 22:986-989, Nov 1981. 9. Rickels K: *J Clin Psychiatry* 42(11) Sec 2:40-44, Nov 1981. 10. Haefely WE: *Br J Psychiatry* 133:231-238, Sep 1978.



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References—References should conform to the following order: name of author, title of article, name of periodic year of publication, month and volume with inclusive page—i.e., Lee GS: The heart rhythm following therapy with digitalis. In theory and practice. Arch Int Med 1979; 139:44:554-562. They should be listed in the order in which they are cited in the text, numbered in sequence and punctuated as above.

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ANESTHESIOLOGY

January 6-9—Anesthesia Update—1983. UCSD at Vacation Village, San Diego. Thursday-Sunday. 20 hrs. \$250. Contact: Jordan Katz, MD, Dept. of Anesthesia (M-004), UCSD, La Jolla 92093. (714) 453-7500, ext. 3292.

February 4-6—21st Clinical Conference in Pediatric Anesthesiology. Childrens Hospital at Marriott Hotel, Los Angeles. Friday-Sunday. 15 hrs. \$175. Contact: Wayne Herbert, MD, Childrens Hosp., 4650 Sunset Blvd., Los Angeles 90027. (213) 669-2262.

February 13-18—11th Obstetric Anesthesia Conference. Ohio State University at Maui Surf Hotel, Maui, and Sheraton Waikiki, Oahu. Sunday-Friday. 25 hrs. Contact: Ohio State Univ. Hospitals, Dept. of Anesthesiology, 410 W. 10th Ave., Columbus, OH 43210. (614) 421-8487.

CANCER

November 17—Controversies in the Management of Early Breast Cancer. Hospital of the Good Samaritan at Biltmore, Los Angeles. Wednesday. 6 hrs. Contact: Bonnie VanWardenburg, Dept. of Ed., 616 S. Wilmer St., Los Angeles 90017. (213) 977-2345.

December 8—18th Annual Northern California Cancer Conference. N. T. Enloe Memorial Hospital, Chico. Wednesday. 6 hrs. \$50. Contact: N. T. Enloe Mem. Hosp., Cont. Ed. Office, W. 5th Ave and The Esplanade, Chico 95926. (916) 891-7375.

January 14-15—Urological Cancer Symposium. USC and Los Angeles Urological Society at USC. Friday-Saturday. 21 hrs. Contact: Trudy Mackel, 1940 Turrell St., Lomita 90717. (213) 326-7418.

February 4-6—Midwinter Oncology Conference. Los Angeles Radiological Society at Century Plaza, Los Angeles. Friday-Sunday. Contact: Diane Johnson, LARS, P.O. Box 57278, Los Angeles 90057. (213) 484-5120.

February 15-18—Clinical Hematology and Oncology. See Medicine, February 15-18.

March 5-6—Hyperthermia and Radiation Therapy in the Treatment of Cancer—18th Annual Cancer Symposium. West Coast Cancer Foundation at Sheraton Palace, San Francisco. Saturday-Sunday. 12 hrs. \$115 before Feb. 1; \$140, thereafter. Contact: WCCF, 50 Francisco St., Suite 200, San Francisco 94133. (415) 981-4590.

March 9-11—Current Approaches to Radiation Oncology, Biology and Physics. UCSF at Fairmont, San Francisco. Wednesday-Friday.

EMERGENCY MEDICINE

December 4—Emergency Pediatrics, Part II. See Pediatrics, December 4.

December 13-17—Postgraduate Institute for Emergency Physicians—Symposium II. UCSD at Hilton, San Diego. Monday-Friday. 33 hrs. \$425.

January 17-21—Postgraduate Institute for Emergency Physicians—Symposium I. UCSD at Hanalei Hotel, San Diego. Monday-Friday. 33 hrs. \$425.

January 22-29—Advanced Problems in Cardiac Emergencies. UCSD, American Inst. of Postgraduate Education and Scripps Mem. Hosp. at Kona Surf Hotel, Kona. One week. 21 hrs. \$325. Contact: AIPE, P.O. Box 2101, Del Mar 92014. (714) 454-3212.

January 28-30—Advanced Cardiac Life Support Workshop. Emergency Medical Associates at Ralph K. Davies Medical Center, San Francisco. Friday-Sunday. Contact: EMA, 2310 Mason St., San Francisco 94133. (415) 956-5900.

January 31-February 4—Topics in Emergency Medicine. UCSF at Sheraton at Fisherman's Wharf, San Francisco. Monday-Friday. 35 hrs. \$350.

March 6-11—Emergency Medicine: 1983. UCD at Hyatt, Lake Tahoe. Sunday-Friday. 24 hrs.

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KEY TO ABBREVIATIONS

- CMA: California Medical Association
Contact: Continuing Medical Education, California Medical Association, 731 Market Street, San Francisco 94103. (415) 777-2000.
- DREW: Charles R. Drew Postgraduate Medical School
Contact: Duane Dillman, PhD, Director, Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 East 120th Street, Los Angeles 90059. (213) 603-3091.
- LLU: Loma Linda University
Contact: Varner J. Johns, Jr., MD, Associate Dean for Continuing Medical Education, Loma Linda University School of Medicine, Loma Linda 92354. (714) 796-7311, ext. 2400.
- PMC: Pacific Medical Center
Contact: Continuing Education, Pacific Medical Center, P.O. Box 7999, San Francisco 94120. (415) 563-4321, ext. 2761.
- STAN: Stanford University
Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Stanford University School of Medicine, 300 Pasteur Drive, Stanford 94305. (415) 497-5594.
- UCD: University of California, Davis
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- UCI: University of California, Irvine
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- USC: University of Southern California
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 90033. (213) 224-7051.

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March 13-18—**Fourth Annual Mammoth Mountain Emergency Medicine Ski Conference.** UCI and Orange Co. Emergency Med. Nurses Assn. at Mammoth Lakes. Sunday-Friday. 23 hrs. \$325. Contact: Medical Conferences, Inc., P.O. Box 22-B, Newport Beach 92662. (714) 642-7080.

March 14-18—**Postgraduate Institute for Emergency Physicians—Symposium II.** UCSD. Monday-Friday. 33 hrs. \$425.

MEDICINE

December 3-4—**Rheumatology.** UCD at Woodlake Inn, Sacramento. Friday-Saturday. 15 hrs. \$150.

December 3-5—**Perioperative Cardiac Dysfunction.** Cardiothoracic Research and Education Foundation at Hilton Beach and Tennis Resort, San Diego. Friday-Sunday. 16 hrs. \$250. Contact: CREF, P.O. Box 33185, San Diego 92103. (714) 272-3126.

December 3-5—**Clinical Management of Coronary Disease and Dual-Mode Exercise Testing.** International Medical Education Corp. at MGM Grand, Las Vegas. Friday-Sunday. 13 hrs. \$260. Contact: Stephen E. Mattingly, IMEC, 64 Inverness Dr., Englewood, CO 80112. (800) 525-8651.

December 4-5—**MKSAP VI Review Course—Internal Medicine Review Part I.** American College of Physicians and UCLA at UCLA. Saturday-Sunday. 12 hrs. \$160. Contact: UCLA.

December 8—**Chronic Diarrhea—Its Diagnosis and Treatment.** LLU. Wednesday. 4 hrs.

December 9-10—**MKSAP Review Course.** American College of Physicians and UCD at Hyatt Union Square, San Francisco. Thursday-Friday. 12 hrs. Contact: UCD.

January 6-7—**American College of Physicians—Regional Meeting.** Ala Moana Americana Hotel, Honolulu. Thursday-Friday. Contact: Robert A. Nordyke, MD, 2013 Kakela Dr., Honolulu 96822.

January 10-14—**7th Annual Echocardiography Conference.** Honolulu Medical Group at Westin Wailea Hotel, Maui. Monday-Friday. 30 hrs. \$495. Contact: Yvonne Brewer, Honolulu Med. Grp., Research and Education Fndn., 550 S. Beretania St., Honolulu 96813. (808) 537-2211.

January 12—**12th Annual Gastroenterology Symposium.** N. T. Enloe Memorial Hospital, Chico. Wednesday. 6 hrs. \$50. Contact: Cont. Ed. Office, N. T. Enloe Mem. Hosp., W. 5th Ave. and The Esplanade, Chico 95926. (916) 891-7375.

January 14-15—**Third Clinical Conference on Congenital Heart Disease.** Childrens Hospital at Ambassador Hotel, Los Angeles. Friday-Saturday. Contact: Bernard L. Tucker, MD, 1136 W. 6th St., Los Angeles 90017. (213) 482-3121.

January 22-29—**Advanced Problems in Cardiac Emergencies.** See Emergency Medicine, January 22-29.

January 26—**Biannual Stroke Symposium.** American Heart Assn., Santa Clara Co. Chap., at Le Baron Hotel, San Jose. Wednesday. Contact: Harriet M. Schutte, AHA, 3003 Moorpark Ave., San Jose 95128. (408) 247-8555.

February 9—**Cardiology Symposium on Pacemakers.** N. T. Enloe Memorial Hospital, Chico. Wednesday. 6 hrs. \$50. Contact: Cont. Ed. Office, N. T. Enloe Mem. Hosp., W. 5th Ave. and The Esplanade, Chico 95926. (916) 891-7375.

February 9—**Common Skin Diseases.** LLU. Wednesday. 4 hrs.

February 9-11—**Recent Advances in Neurology.** UCSF at Fairmont, San Francisco. Wednesday-Friday. 15 hrs. \$250.

February 11-13—**Pathophysiology and Techniques of Cardiopulmonary Bypass: III.** Cardiothoracic Research and Education Foundation at Hilton Beach and Tennis Resort, San Diego. Friday-Sunday. Contact: CREF, P.O. Box 33185, San Diego 92103. (714) 272-3126.

February 15-18—**Clinical Hematology and Oncology: 1983.**

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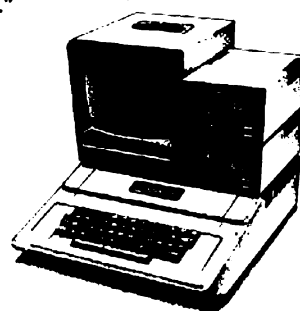
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Scripps Clinic and Research Foundation at Sheraton Harbor Island, San Diego. Tuesday-Friday. 31 hrs. \$390. Contact: Dianne Tissue, Dept. of Academic Affairs, Scripps Clinic and Research Fndn., 10666 N. Torrey Pines Rd., La Jolla 92037. (714) 455-9100.

February 17-19—**Therapeutic and Diagnostic Uses of the Cardiac Catheter.** American College of Cardiology at Bonaventure Hotel, Los Angeles. Thursday-Saturday. Contact: Extramural Prog. Dept., ACC, 9111 Old Georgetown Rd., Bethesda, MD 20814.

February 21-23—**Recent Advances in Clinical Endocrinology.** UCSF at Sir Francis Drake Hotel, San Francisco. Monday-Wednesday.

February 26-27—**Immunology.** STAN. Saturday-Sunday. 13 hrs. \$250.

February 26-27—**Basic Neuroscience.** STAN. Saturday-Sunday. 11 hrs. \$250.

February 27-March 2—**Basic Cardiology for the Practicing Physician.** UCSF at Hyatt, Lake Tahoe. Sunday-Wednesday. 15 hrs. \$200.

March 4—**9th Annual Diabetes Conference.** UCD at Sacramento. Friday. 7 hrs.

March 6-8—**Dermatology Consultants' Course.** UCSF at Yosemite. Sunday-Tuesday.

March 9—**Therapy of Ischemic Heart Disease.** LLU. Wednesday.

March 10-11—**Neurosciences Symposium III.** Sutter Community Hospitals at Red Lion Motor Inn, Sacramento. Friday-Saturday. 14 hrs. Contact: Janette Wackerly, Sutter Gen. Hosp., 2820 L St., Sacramento 95816. (916) 454-2222, ext. 1430.

March 14-15—**MKSAP Review Course.** American College of Physicians and UCD at Hyatt Union Square, San Francisco. Monday-Tuesday. 12 hrs. Contact: UCD.

March 14-18—**Allergy and Dermatology.** Symposium Maui, Inc.; American Academy of Family Physicians, Hawaii Chap.; Hawaii Medical Assn. at Royal Lahaina Resort, Kaanapali, Maui. Monday-Friday. 22 hrs. Contact: Joe Harrison, MD, Symposium Maui, Inc., P.O. Box 10185, Lahaina, Maui 96761.

March 19-20—**MKSAP VI Review Course—Internal Medicine Review Part II.** American College of Physicians and UCLA at UCLA. Saturday-Sunday. 12 hours. \$160. Contact: UCLA.

March 26-April 2—**Vascular Disease.** Univ. of Washington School of Medicine at Royal Lahaina, Maui. One week. Contact: U/W Sch. of Med., Div. of CME, SC-50, Seattle 98195. (206) 543-1050.

OBSTETRICS AND GYNECOLOGY

December 10-12—**Current Issues in Perinatal Medicine.** Memorial Hospital Medical Center-UCI Center for Health Education at Marriott's Rancho Las Palmas Resort, Rancho Mirage. Friday-Sunday. Contact: Asst. Dir., Ctr. for Health Ed., 2801 Atlantic Ave., Long Beach 90801. (213) 595-3811.

January 29—**Ovulation Update: 1983.** Scripps Clinic and Research Foundation, La Jolla. Saturday. 6 hrs. \$75. Contact: Dianne Tissue, Dept. of Academic Affairs, Scripps Clinic and Research Fndn., 10666 N. Torrey Pines Rd., La Jolla 92037. (714) 455-9100.

February 5-11—**Perinatal Medicine.** USC at Royal Lahaina, Maui. One week. 23 hrs. \$425.

February 6-11—**OB/GYN Update.** UCD at Hyatt, Lake Tahoe. Sunday-Friday. 22 hrs.

February 14-18—**38th Annual Postgraduate Assembly.** OB-GYN Assembly of So. Calif. at Beverly Hilton, Beverly Hills. Monday-Friday. 28 hrs. \$375. Contact: Dir. of Med. Ed., OB-GYN Assembly of So. Calif., 5820 Wilshire Blvd., #500, Los Angeles 90036. (213) 937-5514.

March 12-19—**Office Gynecology.** Univ. of Washington School of Medicine at Sheraton Waikoloa, Kona. One week. Con-

tact: U/W Sch. of Med., Div. of CME, SC-50, Seattle 98195. (206) 543-1050.

March 20-23—**OB/GYN for the Practicing Physician.** UCSF at Yosemite. Sunday-Wednesday.

PEDIATRICS

November 19-22—**Pediatric Update.** Calif. Chapters 1, 2, 3, American Academy of Pediatrics, at Hilton, Las Vegas. Friday-Monday. 14 hrs. \$195, members; \$220, nonmembers. Contact: Eve Black, P.O. Box 2134, Inglewood 90305. (213) 757-1198.

November 28-30—**Kids Have Bones, Too.** UCD at Hyatt Del Monte, Monterey. Sunday-Tuesday. 14 hrs. \$165.

December 4—**Emergency Pediatrics, Part II.** Calif. Chapters, American Academy of Pediatrics, at Holiday Inn on Union Square, San Francisco. Saturday. Contact: Beverly Busher, No. Calif. Chap., AAP, 422 Alexander Ave., Larkspur 94939. (415) 924-9613.

January 12—**22nd Annual Parmelee Memorial Lecture.** Los Angeles Pediatric Society at Hilton, Los Angeles. Wednesday. 4½ hrs. Contact: Eve Black, P.O. Box 2022, Inglewood 90305. (213) 757-1198.

January 31-February 3—**8th Annual Winter Ski and Study Symposium.** Calif. Chapters 1 and 2, American Academy of Pediatrics, at Caesar's, Lake Tahoe. Monday-Thursday. Contact: Eve Black, P.O. Box 2134, Inglewood 90305. (213) 757-1198.

February 17-19—**Pediatric Urology.** See Surgery, February 17-19.

February 23-March 1—**Adolescent/Young Adult Medicine.** Hurley Medical Center at Wailea Beach Hotel, Maui. One week. 20 hrs. Contact: Hurley Med Ctr., Dept. of Cont. Med. Ed., One Hurley Plaza, Flint, MI 48504. (313) 766-0142.

March 10-13—**Combined Southern California Pediatric Postgraduate Meeting.** Calif. Chap. 2, American Academy of Pediatrics, at Hilton Riviera, Palm Springs. Thursday-Sunday. Contact: Eve Black, P.O. Box 2134, Inglewood 90305. (213) 757-1198.

March 19-26—**Updates in Pediatrics: An Epic Medical Expedition.** American Institute of Primary Care Medicine and Univ. of Arizona College of Medicine at Maui. One week. 24 hrs. Contact: Richard Paris, MD, P.O. Box 209, Sun Valley, ID 83353.

PSYCHIATRY

November 20-27—**3 for 1: Protology; Psychiatry; Principles.** Univ. of Washington School of Medicine at Sheraton Waikoloa, Kona. One week. Contact: U/W Sch. of Med., Div. of CME, SC-50, Seattle 98195. (206) 543-1050.

December 9-12—**New Approaches in Psychoanalytic Therapy.** American Academy of Psychoanalysis at Hotel del Coronado, Coronado. Thursday-Sunday. 20 hrs. Contact: Vivian Mendelsohn, AAP, 30 E. 40th St., Suite 608, New York 10016. (212) 679-4105.

January 3-7—**Couple and Family Therapy: Conflict and Change.** Mental Research Institute, Palo Alto. Monday-Friday. 15 hrs. \$150. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.

January 9-13—**Mental Research Institute—Winter Seminar.** Palo Alto. Sunday-Thursday. 27 hrs. \$270. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.

January 17-21—**Divorce Mediation.** Mental Research Institute, Palo Alto. Monday-Friday. 15 hrs. \$155. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

January 23-28—**9th Annual Midwinter Program in Continuing Medical Education for Psychiatrists.** UCD at Hyatt, Lake Tahoe. Sunday-Friday. 26 hrs. \$265.

January 29—**Heinz Von Foerster on Applications of the Constructivist Perspective in Family Therapy.** Mental Research

(Continued on Page 33)

Institute, Palo Alto, Saturday, 6 hrs. \$85. Contact: MRI, 355 Middlefield Rd., Palo Alto 94301. (415) 321-3055.

February 3-6—**Cognitive, Emotional and Neurophysiologic Effects of Head Trauma: Post-Concussion Syndrome.** So. Calif. Neuropsychiatric Institute at La Quinta Hotel, La Quinta. Thursday-Sunday, 15 hrs. Contact: Gail Waldron, MD, SCNPI, 6794 La Jolla Blvd., La Jolla 92037. (714) 454-2102.

February 26-27—**Biobehavioral Science for Psychiatrists.** STAN. Saturday-Sunday, 11 hrs. \$250.

RADIOLOGY AND PATHOLOGY

December 2-4—**International Symposium on Medical Virology.** UCI at Disneyland Hotel, Anaheim. Thursday-Saturday, 23 hrs. Contact: Luis M. de la Maza, MD, PhD, Dept. of Pathology, UCI Med. Ctr., Orange 92668. (714) 634-6868.

December 5-7—**Leucocyte Conference.** USC at Asilomar, Pacific Grove. Sunday-Tuesday.

January 10-13—**Imaging Symposium.** San Diego Radiology Research and Education Foundation at Hotel del Coronado, Coronado. Monday-Thursday, 27 hrs. \$350. Contact: Mary J. Ryals, Prog. Coordinator, P.O. Box 61203, DFW Airport, Texas 75261. (214) 659-9590.

January 17-21—**Advanced Microbiology: Recent Developments and New Frontiers.** American Society of Clinical Pathologists at Holiday Inn-Fisherman's Wharf, San Francisco. Monday-Friday, 32 hrs. \$600/\$700. Contact: Marian MacDonald, ASCP, 2100 W. Harrison St., Chicago 60612. (312) 738-1336.

January 17-21—**Interventional Radiology and Diagnostic Imaging Modalities.** UCSF at Fairmont, San Francisco. Monday-Friday, 33 hrs. \$400.

January 22-30—**11th Annual Diagnostic Radiology Seminars.** UCSF at Waiohai Hotel, Kauai. One week. 31 hrs. \$350.

January 24-27—**Chest Radiology 1983.** UCSD at Holiday Inn at the Embarcadero, San Diego. Monday-Thursday, 24 hrs. \$300. Contact: Mary J. Ryals, Prog. Coordinator, P.O. Box 61203, DFW Airport, Texas 75261. (214) 659-9590.

February 2-4—**5th Annual Immunoassay Conference.** Scripps Clinic and Research Foundation at Vacation Village, San Diego. Wednesday-Friday, 21 hrs. \$250. Contact: Dianne Tissue, Dept. of Academic Affairs, Scripps Clinic and Research Fndn., 10666 N. Torrey Pines Rd., La Jolla 92037. (714) 455-9100.

February 2-4—**10th Annual Course in Genitourinary Pathology.** Memorial Hospital Medical Center-UCI Center for Health Education, Long Beach. Wednesday-Friday, 23 hrs. Contact: Asst. Dir., Ctr. for Health Ed., 2801 Atlantic Ave., Long Beach 90801.

February 2-7—**Society of Nuclear Medicine—2nd Conjoint Winter Congress.** Cathedral Hill Hotel, San Francisco. Wednesday-Monday. Contact: SNM, Meetings Dept., 475 Park Ave. So., New York 10016. (212) 889-0717.

February 4-6—**35th Annual Midwinter Radiological Conference.** Los Angeles Radiological Society at Century Plaza, Los Angeles. Friday-Sunday, \$125, members; \$175, nonmembers. Contact: Diane Johnson, LARS, P.O. Box 57278, Los Angeles 90057. (213) 484-5120.

February 6-11—**5th Annual Winter Conference in the High Sierra—OB/GYN Imaging.** American College of Medical Imaging at Sahara, Lake Tahoe. Sunday-Friday, 25 hrs. \$347, members; \$385, nonmembers. Contact: ACMI, P.O. Box 27188, Los Angeles 90027. (213) 275-1393.

February 6-12—**Los Angeles Radiological Society—Annual Post Convention Seminar.** Hyatt Regency, Kaanapau, Maui. One week. 20 hrs. Contact: Diane Johnson, LARS, P.O. Box 57278, Los Angeles 90057. (213) 484-5120.

February 9-12—**Nuclear Radiology.** UCSD at Hotel del Coronado, Coronado. Wednesday-Saturday, 20 hrs. \$335. Contact: Mary J. Ryals, Prog. Coordinator, P.O. Box 61203, DFW Airport, Texas 75261. (214) 659-9590.

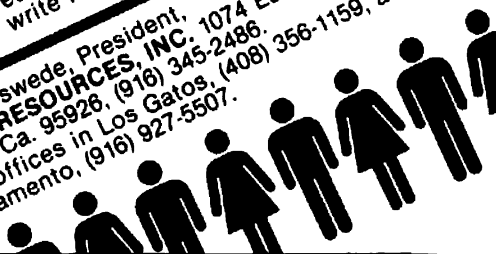
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February 14-18—**Current Methods in Blood Banking and Immunohematology.** American Society of Clinical Pathologists at Town and Country, San Diego. Monday-Friday. 31½ hrs. \$560/\$660. Contact: Marian Macdonald, ASCP, 2100 W. Harrison St., Chicago 60612. (312) 738-1336.

February 23-25—**New Imaging Modalities in Radiology.** Memorial Hospital Medical Center at Hilton Riviera, Palm Springs. Wednesday-Friday. 18 hrs. Contact: Asst. Dir., Ctr. for Health Ed., 2801 Atlantic Ave., Long Beach 90801.

March 9-11—**Sierra Radiology Conference.** Sacramento Radiology Research and Education Foundation at North Lake Tahoe. Wednesday-Friday. 18 hrs. \$280. Contact: Arthur B. Dublin, MD, Prog. Dir., Sacramento Radiology Research and Education Fdn., P.O. Box 161112, Sacramento 95816.

March 14-18—**Diagnostic Radiology.** UCSF. Monday-Friday. 33 hrs. \$400.

March 14-18—**4th Midwinter Diagnostic Radiology Conference on Imaging Modalities in the Chest and Abdomen.** Loyola Univ. at Kapalua Bay Hotel, Maui. Monday-Friday. 20 hrs. \$325. Contact: L. Gunzburger, PhD, Div. of Cont. Med. Ed., Loyola Univ. Med. Ctr., 2160 S. 1st Ave., Maywood, IL 60153. (312) 531-3236.

March 21-25—**Obstetric and Gynecologic Pathology.** American Society of Clinical Pathologists at San Diego. Monday-Friday. 28 hrs. \$550/\$650. Contact: Marian Macdonald, ASCP, 2100 W. Harrison St., Chicago 60612. (312) 738-1336.

March 23-25—**Current Concepts in Surgical Pathology.** STAN. Wednesday-Friday. 21 hrs. \$400.

SURGERY

November 18-21—**Modern Concepts in Operative Neurosurgery, Critical Care and Rehabilitation.** Comprehensive Central Nervous System Injury Fdn. and Inst. for Medical Education and Research at Hilton on Mission Bay, San Diego. Friday-Sunday. 20 hrs. \$250. Contact: CNS Injury Fdn., P.O. Box 9494, San Diego 92109. (714) 272-3126.

November 28-December 10—**Temporal Bone Surgical Dissection Course.** House Ear Institute, Los Angeles. Two weeks. 100 hrs. \$1,500. Contact: Antonio De La Cruz, MD, House Ear Inst., 256 S. Lake St., Los Angeles 90057.

December 3-4—**The Anterior Cruciate Ligament "State of the Art."** Memorial Hospital Medical Center-UCI Center for Health Education, Long Beach. Friday-Saturday. 16 hrs. Contact: Asst. Dir., Ctr. for Health Ed., 2801 Atlantic Ave., Long Beach 90801. (213) 595-3811.

December 4—**Photocoagulation Workshop.** Jules Stein Eye Institute, Los Angeles. Saturday. 8 hrs. \$250. Contact: Lu Hendricks, JSEI, UCLA Sch. of Med., Ctr. for Health Sciences, Los Angeles 90024. (213) 825-4617.

January 12—**Office Urology.** LLU. Wednesday. 4 hrs.

January 14-15—**10th Annual Santa Clara County Surgical Seminar—Critical Care and Current Concepts.** Santa Clara Co. Surgical Seminar Assn. at Le Baron Hotel, San Jose. Friday-Saturday. 15 hrs. \$160. Contact: Surgical Seminar, c/o Kenneth Watanabe, MD, 150 N. Jackson Ave., #209, San Jose 95116.

January 17-19—**Society of Thoracic Surgeons.** Hilton, San Francisco. Monday-Wednesday. Contact: STS, 111 E. Wacker Dr., Chicago 60601.

January 21-22—**5th Annual Postgraduate Course on Surgery.** UCD at Holiday Inn, Sacramento. Friday-Saturday. 14 hrs. \$135.

January 24-26—**Midwinter Clinical Conference in Ophthalmology and Otolaryngology.** Research Study Club at Hilton, Los Angeles. Monday-Wednesday. 21 hrs. \$200. Contact: Research Study Club, P.O. Box 49412, Los Angeles 90049.

January 29—**Practical Use of the Visual Physiology Laboratory.** Jules Stein Eye Institute, Los Angeles. Saturday. 8 hrs. \$50. Contact: Lu Hendricks, JSEI, UCLA Sch. of Med., Ctr. for Health Sciences, Los Angeles 90024. (213) 825-4617.

February 3-5—**Cosmetic Blepharoplasty Workshop.** Jules Stein

Eye Institute, Los Angeles. Thursday-Saturday. Contact: Lu Hendricks, JSEI, UCLA Sch. of Med., Ctr. for Health Sciences, Los Angeles 90024. (213) 825-4617.

February 6-10—**Lake Tahoe Vitreo-Retinal Symposium.** Retina Faculty, UCD, at Granlibakken Ski Resort, Tahoe City. Sunday-Thursday. Contact: Donald May, MD, 2315 Stockton Blvd., Sacramento 95817. (916) 453-2941.

February 14-17—**Musculo-Skeletal Disease—New Diagnostic Concepts and Modalities.** UCSD at Hotel del Coronado, Coronado. Monday-Thursday. 21 hrs. \$300. Contact: Mary J. Ryals, Prog. Coordinator, P.O. Box 61203, DFW Airport, Texas 75261. (214) 659-9590.

February 17-19—**Pediatric Urology.** American Urological Assn. at Hilton, San Diego. Thursday-Saturday. 16 hrs. Contact: Alice Henderson, Office of Ed., AUA, P.O. Box 25147, Houston TX 77265. (713) 790-6070.

February 19-26—**Updates in Trauma: An Epic Medical Expedition.** American Inst. of Primary Care Medicine and Univ. of Arizona College of Medicine at Maui. One week. 24 hrs. Contact: Richard Paris, MD, P.O. Box 209, Sun Valley, ID 83353.

February 23-24—**Neurological Problems.** Federation of Western Neurological Societies and UCLA at UCLA. Wednesday-Thursday. Contact: UCLA.

February 25-26—**Ophthalmology Update on Basic Sciences for the Clinician.** Update: Fdn. for Systematic Postgraduate Education in Ophthalmology, UCD, PMC, UCSF, STAN at San Franciscan Hotel, San Francisco. Saturday-Sunday. Contact: Update, 3910 Sand Hill Rd., Woodside 94062. (415) 563-4321, ext. 2763.

March 7-11—**Surgical Forum.** Soc. of Graduate Surgeons of the Los Angeles Co./USC Med. Ctr. at Ambassador Hotel, Los Angeles. Monday-Friday. 31 hrs. \$350. Contact: Dir. of Med. Ed., Soc. of Graduate Surgeons, 5820 Wilshire Blvd., #500, Los Angeles 90036. (213) 937-5514.

March 9-10—**American Orthopaedic Foot Society.** Anaheim. Wednesday-Thursday. 12½ hrs. Contact: Kenneth A. Johnson, MD, Dept. of Orthopedics, Mayo Clinic, Rochester, MN 55905. (507) 284-2778.

March 10-15—**American Academy of Orthopaedic Surgeons.** Convention Center, Anaheim. Thursday-Tuesday. Contact: AAOS, 444 N. Michigan Ave., Chicago 60611.

March 14-18—**Sports Medicine.** Univ. of Hawaii at Princess Kaiulani Hotel, Waikiki, Honolulu. Monday-Friday. 18 hrs. \$250. Contact: Ms. Joy Lewis, Box CEW-CCECS, 2530 Dole St., Honolulu 96822. (808) 948-8244.

March 17-19—**Gynecologic Surgery With Emphasis on Gynecologic Urology.** Memorial Hospital Medical Ctr. at Hilton Riviera, Palm Springs. Thursday-Saturday. 15 hrs. Contact: Asst. Dir., Ctr. for Health Ed., 2801 Atlantic Ave., Long Beach 90801.

March 19-20—**Ophthalmology Update on Basic Sciences for the Clinician.** Update: Fdn. for Systematic Postgraduate Education in Ophthalmology, UCD, PMC, UCSF, STAN at San Franciscan Hotel, San Francisco. Saturday-Sunday. Contact: Update, 3910 San Hill Rd., Woodside 94062. (415) 563-4321, ext. 2763.

March 19-23—**20th Annual Seminar on Controversial Areas in Surgery.** UCLA at Palm Springs. Saturday-Wednesday.

March 23-25—**Diseases of the Urinary Tract.** STAN at Rieck's Hyatt, Palo Alto. Wednesday-Friday. 16 hrs. \$225.

March 24-27—**11th Annual Symposium on Vascular Surgery.** UCLA at Palm Springs. Thursday-Sunday.

OF INTEREST TO ALL PHYSICIANS

November 15-19—**An International Perspective on Substance Abuse: The Problem, Its Treatment, and Medical Education.** Assn. for Medical Education and Research in Substance Abuse; World Health Org.; State Univ. of NY Downstate Med. Ctr.; et al at Claremont Hotel, Oakland. Monday-Fri-

(Continued on Page 45)

ative techniques. The major advantages are decreased morbidity, rapid recovery of function and small scars. An arthroscopic meniscectomy in a healthy patient requires only a short hospital stay or an outpatient visit, and often the patient can return to normal activities within two to three weeks. The published rates of complications are much lower than with open arthrotomies for the same procedure.

The range of procedures that are being done arthroscopically has expanded dramatically. Initially the operations were limited to the removal of loose bodies, obtaining synovial biopsies, treatment of patellar malalignment and resection of meniscal tears. Techniques are now being perfected for the treatment of osteochondritis dissecans, degenerative arthritis and postsurgical fibrosis. Experimentally, development is proceeding with techniques for the suture of torn menisci, the reconstruction of anterior cruciate ligaments and the use of lasers for surgical repair of joints.

It is too early to assess the long-term results of arthroscopic operative techniques, but, as noted above, the short-term results have been excellent. The intermediate-term evaluation of arthroscopic

meniscectomies indicates that the results are comparable with or better than those obtained with standard techniques two to five years after an operation.

There are two major disadvantages of arthroscopic operations. First, the technique is difficult to learn and to do. Most skilled arthroscopists feel that it requires the experience of about 100 diagnostic procedures to reach a satisfactory level of proficiency to begin surgical work. They also agree that most surgeons will require 50 to 100 arthroscopic surgical procedures to become comfortable with the technique. Second, delicate and expensive equipment is required for arthroscopic operations, and this equipment will not be available at every hospital. The short-term effect of these two factors will be to limit the number of orthopedic surgeons who do arthroscopic operations.

CHARLES R. STROTZ, MD

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- Casscells SW: The place of arthroscopy in the diagnosis and treatment of internal derangement of the knee: An analysis of 1000 cases. *Clin Orthop* 1980 Sep; 151:135-142.
- Grana WA, Connor S, Hollingsworth S: Partial arthroscopic meniscectomy: A preliminary report. *Clin Orthop* 1982 Apr; 164:78-83.
- Sprague NF 3rd: Arthroscopic debridement for degenerative knee joint disease. *Clin Orthop* 1981 Oct; 160:118-123.

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